I hereby certify that this correspondence is being filed via EFS-Web with the United States Patent and Trademark Office on _____ June 8, 2007

<u>PATENT</u>

Attorney Docket No.: 014740-001020US Client Reference No.: TSRI 1007.1/NOV0616P

TOWNSEND and TOWNSEND and CREW_LLP

By: Corinna Jose

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Shuibing, Chen et al.

Application No.: 10/577,191

Filed: April 24, 2006

For: COMPOSITIONS AND METHODS

FOR INDUCING CELL DEDIFFERENTIATION

Confirmation No.: 4061

Examiner:

Art Unit: 1626

INFORMATION DISCLOSURE

STATEMENT UNDER 37 CFR §1.97 and

§1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references can be found in the file for related application number 10/985,645, and accordingly are not enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue there from.

Also enclosed are copies of the Search report corresponding to the PCT application (Application No. PCT/US04/37686) and Search report corresponding to the European Search Report (Application No. 04 80 0997).

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

Application No.: 10/577,191

Page 2

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that <u>no fee is required</u> for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

Carol A. Fang

Reg. No. 48,631

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, Eighth Floor

San Francisco, California 94111-3834

Tel: 925-472-5000 Fax: 925-472-8895

CAF:jkn 61057964 v1

Substitute for form 1449A/PTO				Complete if Known			
				Application Number	10/577,191		
IN	FORMATION DIS	SCLO	SURE	Filing Date	April 24, 2006		
S	FATEMENT BY A	PPLI	CANT	First Named Inventor	Shuibing, Chen et al.		
				Art Unit	1626		
	(Use as many sheets as	necessar	y)	Examiner Name			
Sheet	1	of	2	Attorney Docket Number	014740-001020US		

Examiner Initials*	Cite No.1	Document Number Number Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	2002/0016329 A1	02-07-2002	Imbach, et al.	
	2	2003/0225278 A1	12-04-2003	Ciszewski, et al.	
	3	5,924,225	08-24-1999	Bruder, et al.	
	4	6,255,485	07-03-2001	Gray, et al.	
	5	6,369,029	04-09-2008	Andress, et al.	
	6	6,589,950 B1	07-08-2003	Collingwood, et al.	
					

FOREIGN PATENT DOCUMENTS								
Cite No. ¹	Foreign Patent Document			Publication Date	Name of Patentee or	Pages, Columns, Lines,		
	Country Code ³	Number⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	T ⁶	
7	FR	2793794	A1	11-24-2000	HOECHST MARION ROUSSEL			
8	wo	02/051843	A1	07-04-2002	AVENTIS PHARMA S.A.			
9	wo	2005/047524	A2	05-26-2005	THE SCRIPPS RESEARCH INSTITUTE			
10	wo	00/71543	A1	11-2000	HOECHST MARION ROUSSEL			
			1	-				
	No. ¹ 7 8	No.1 Country Code ³ 7 FR 8 WO 9 WO	No.¹ Country Code³ Number⁴ 7 FR 2793794 8 WO 02/051843 9 WO 2005/047524	Cite No.1 Foreign Patent Document 7 FR 2793794 A1 8 WO 02/051843 A1 9 WO 2005/047524 A2	Cite No.1 Foreign Patent Document Publication Date MM-DD-YYYY 7 FR 2793794 A1 11-24-2000 8 WO 02/051843 A1 07-04-2002 9 WO 2005/047524 A2 05-26-2005	Cite No.1 Foreign Patent Document Publication Date MM-DD-YYYY Name of Patentee or Applicant of Cited Document 7 FR 2793794 A1 11-24-2000 HOECHST MARION ROUSSEL 8 WO 02/051843 A1 07-04-2002 AVENTIS PHARMA S.A. 9 WO 2005/047524 A2 05-26-2005 THE SCRIPPS RESEARCH INSTITUTE 10 WO 00/71543 A1 11,3000 HOECHST MARION	Cite No.1 Publication Date Name of Patentee or Applicant of Cited Document Number Name of Patentee or Applicant of Cited Document Name of Patentee or Name of Patentee or Name	

Examiner	· · · · · · · · · · · · · · · · · · ·	Date	
Signature		Considered	
0.g		1	

s	Substitute fo	or form 1449B/PTO			Complete if Known		
					Application Number	10/577,191	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					Filing Date	April 24, 2006	
					First Named Inventor	Shuibing, Chen et al.	
					Art Unit	1626	
	(t	lse as many sheets as r	ecessary)		Examiner Name		
Sh	heet	2	of	2	Attorney Docket Number	014740-001020US	

	NON PATENT LITERATURE DOCUMENTS							
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2					
	11	BASYOUNI, W.M., et al., "Synthesis and Antimicrobial Activity of Some New 6-Substituted 9-Arylpurine Derivatives," Egyptian J. Chem., 1999, Vol. 42, No. 6, pp. 587-598	:					
	12	CHEN, Shuibing, et al., "Dedifferentiation of Lineage-Committed Cells by a Small Molecule," J. AM. Chem. Soc., 2004, Vol. 126, pp 410-411.						
	13	GEY, Claudia, et al., "Small Molecules, Big Plans—Can Low-Molecular-Weight Compounds Control Human Regeneration?" Angew. Chem. Int. Ed., 2004, Vol. 43, No. 31, pp 3998-4000.						
	14	HILDEBRAND, Catherine, et al., "Structure-Activity Relationships of N ² -Substituted Guanines as Inhbitors of HSV1 and HSV2 Thymidine Kinases," J. Med. Chem., 1990, Vol. 33, pp 203-206.						
	15	IMBACH, P., et al., "2,6,9-Trisubstituted Purines: Optimization Towards Highly Potent and Selective CDK1 Inhibitors," Bioorganic & Medicinal Chemistry Letters, 1999, Vol. 9, pp. 91-96.						
	16	KELLEY, J., et al., "Antirhinovirus Activity of 6-Anilino-9-benzyl-2-chloro-9H-purines," <u>J. Med. Chem.</u> 1990, Vol. 33, pp. 1360-1363.						
	17	MEDVECZKY, Maria, et al., "Haloanilino Derivatives of Pyrimidines, Purines, and Purine Nucleoside Analogs: Synthesis and Activity against Human Cytomegalovirus," J. Med. Chem. 1995, Vol. 38, pp 1811-1819.						
	18	MONTGOMERY, J., et al., "Synthesis of Potential Anticancer Agents. XXVI. The Alkylation of 6-Chloropurine," February 5, 1961, Vol. 83, pp. 630-635.						
	19	WRIGHT, George E., et al., "Synthesis, Cell Growth Inhibition, and Antitumor Screening of 2- (p-n-Butylanilino) purines and Their Nucleoside Analogues," J. Med. Chem. 1987, Vol. 30, pp 109-116.	_					

Examiner	Date	
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.